

Table 1 The protein conserved motif of LDOX

Conserved region	Conserved Sequence	E Value	Position	Length
Motif 1	NYYPKCPQPELALGVEAHTDVSALTEILHNMVPGQLQLEYEGKWVTAKCVP	5.4e-1427	29	50
Motif 2	MHIGDTLEILSNCKYKSLHRGLVNKEKVRISWAVFCEPPKEKILKPLP	1.2e-1329	29	50
Motif 3	LYANDQASGKIQGYGSKLANNASGQLEWEDYFFHLYYPERKBDLSLWPKTP	1.7e-1320	29	50
Motif 4	REKCEELKKAAEWGVMLYNHGIEELMVRVKKAGEAFFLPYEEKEK	1.0e-1027	29	50
Motif 5	DYLEATSEYAKLRLATKYLQSLGLGLEESRLEKEVGGLELLQMK	3.4e-1004	29	50
Motif 6	DYLEATSEYAKLRLATKYLQSLGLGLEESRLEKEVGGLELLQMK	6.2e-724	29	39
Motif 7	KRVE\$LAS\$GI\$PKEYVRPEELT\$IGNYFEEKK	7.0e-591	28	29
Motif 8	EIVSEI\$PAFPPRTFAQHISKLF\$BKQ	2.40E-284	26	21
Motif 9	EGPQVPTIDL\$K\$E\$SEDF\$Y	4.20E-03	3	14
Motif 10	GPQVPTIDL\$E\$IQS	4.80E+01	2	6
	MVSTMV			

Note: The ordinate indicated the conservative nature of amino acids, and the height of amino acid letters indicated the frequency of occurrence; The abscissa represented the position of the amino acid in the sequence